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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form 1449A/PTO

Sheet 1 of 1
(use as many sheets as necessary)

Complete if Known
Application Number 09/990,976
Filing Date 11-21-2001
First Named Inventor Indra Laksono
Group Art Unit 2631
Examiner Name Unknown
Attorney Docket Number 1459.0100120

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. 1	U.S. Patent Application Number Kind Code 2 (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>ML</i>	AA	09/819,147	Indra Laksono	Pending	
<i>ML</i>	AB	09/917,967	Laksono, et al.	Pending	
<i>ML</i>	AC	09/918,384	Chan, et al.	Pending	
<i>ML</i>	AD	09/918,380	Laksono, et al.	Pending	
<i>ML</i>	AE	09/990,737	Laksono, et al.	Pending	
	AF				
	AG				
	AH				
	AI				
	AJ				

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FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. 1	Foreign Patent Document Office 3 Number Kind Code 2 (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 6
	AK					<input type="checkbox"/>
	AL					<input type="checkbox"/>
	AM					<input type="checkbox"/>
	AN					<input type="checkbox"/>
	AO					<input type="checkbox"/>

PUBLICATIONS

Examiner Initials *	Cite No. 1	Title of Publication	Date of Publication of Cited Document MM-DD-YYYY
	AW		
	AX		
	AY		
	AZ		

Examiner Signature	<i>[Signature]</i>	Date Considered	8/25/02
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1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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Examiner Name Unknown
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<i>m</i>	AA	6,014,694		Aharoni et al.	01-11-2000	
	AB					
	AC					
	AD					
	AE					
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	AG					
	AH					
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	AJ					

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<i>m</i>	AK	EP	0 901 285	A1	Yamaguchi	02-10-1999		<input type="checkbox"/>
<i>m</i>	AL	EP	0 739 138	A2	Kalmanek et al.	10-23-1996		<input type="checkbox"/>
<i>m</i>	AM	WO	02/080518	A2	Laksono	10-10-2002		<input type="checkbox"/>
	AN							<input type="checkbox"/>
	AO							<input type="checkbox"/>

PUBLICATIONS

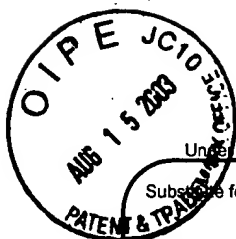
Examiner Initials *	Cite No.1	Title of Publication	Date of Publication of Cited Document MM-DD-YYYY
<i>m</i>	AW	Adaptive Streaming of MPEG Video over IP Networks	1997
<i>m</i>	AX	Architectural Considerations for Playback of Quality...	2000
<i>m</i>	AY	On-Demand Hypermedia/Multimedia Service...	1996
	AZ		

Examiner Signature	<i>[Signature]</i>	Date Considered	8/25/04
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Complete if Known

Application Number	09/990,976
Filing Date	11/21/01
First Named Inventor	Laksono, Indra
Art Unit	2613
Examiner Name	Wong, Allen C.
Attorney Docket Number	1459.0100120

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>W</i>	AA	Pedro Assuncao and Mohammad Ghanbari, "Rate Reduction Techniques for MPEG-2 Video Bit Streams," SPIE Vol. 2952, April 1996, 10 pp.	
<i>W</i>	BB	Jae-Young Pyun, "QoS Provisioning for Video Streaming over IEEE 802.11 Wireless LAN," (abridged) IEEE Conference in Consumer Electronics, 6/16/2003, 3 pp. [online] Retrieved from the Internet 7/8/2003 at URL	
<i>W</i>	CC	Krisda Lengwehasatit and Antonio Ortega, "Computationally Scalable Partial Distance Based Fast Search Motion Estimation," Univ. of Southern California, 4 pp., (date unknown)	
<i>W</i>	DD	Manoj Aggarwal and Ajai Narayan, "Efficient Huffman Decoding," 2000 IEEE, 0-7803-6297-7, pp. 936-939.	
<i>W</i>	EE	Peng Yin et al., "Video Transcoding by Reducing Spatial Resolution," Princeton University, Princeton, NJ, 4 pp., 2000	
<i>W</i>	FF	Zhigang Fan and Ricardo de Queiroz, "Maximum Likelihood Estimation of JPEG Quantization Table in the Identification of Bitmap Compression History," Xerox Corporation, Webster, NY, 4 pp. (date unknown)	
<i>W</i>	GG	Luis Ducla Soares et al., "Influence of Encoder Parameters on the Decoded Video Quality for MPEG-4 Over W-CDMA Mobile Networks," NTT DoCoMo, Inc. technical paper, 4 pp. (date unknown)	
<i>W</i>	HH	Thomas Wiegand et al., "Long-Term Memory Motion-Compensated Prediction for Robust Video Transmission," in Proc. ICIP2000, 4 pp.	
<i>W</i>	II	P. Greg Sherwood et al., "Efficient Image and Channel Coding for Wireless Packet Networks," Univ. of CA, San Diego, CA, 4 pp. (date unknown)	
<i>W</i>	JJ	Donghoon Yu et al., "Fast Motion Estimation for Shape Coding in MPEG-4," 2003 IEEE Transactions on Circuits and Systems for Video Technology, Vol. 13, No. 4, April 2003, pp. 358-363	

Examiner Signature	<i>Allen Wong</i>	Date Considered	8/28/04
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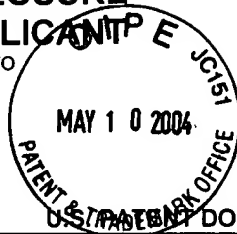
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Sheet 1 of 1
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Application Number: 09/990,976
Filing Date: 11-21-2001
First Named Inventor: Indra Laksono
Group Art Unit: 2613
Examiner Name: Allen C. Wong
Attorney Docket Number: 1459-ViXS012



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<i>ACW</i>	A1	6,222,886	B1	Yogeshwar	04-24-2001	
	A2					
	A3					
	A4					
	A5					
	A6					
	A7					
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<i>ACW</i>	A11	EP	0955607	A2	Sarnoff Corp.	11-10-1999		<input type="checkbox"/>
	A12	EP	0805599	A2	Oki Electric Industry	11-5-1997		<input type="checkbox"/>
	A13							<input type="checkbox"/>
	A14							<input type="checkbox"/>
	A15							<input type="checkbox"/>

PUBLICATIONS

Examiner Initials *	Cite No.1	Title of Publication	Date of Publication of Cited Document MM-DD-YYYY
<i>ACW</i>	A16	Tamer Shanableh and Mohammed Ghanbari, "Heterogeneous Video Transcoding to Lower Spatio-Temporal Resolutions and Different Encoding Formats," IEEE Transactions on Multimedia, Vol. 2. No. 2, pp. 101-110	6-2000
<i>ACW</i>	A17	Jeongnam Youn et al., "Video Transcoding for Multiple Clients," Proceedings of the SPIE, Bellingham, VA, Vol. 4067, XP008012075, pp. 76-85	6-21-2000
<i>ACW</i>	A18	Kuniaki Takahashi et al., "Motion Vector Synthesis Algorithm for MPEG2-to-MPEG4 Transcoder," Proceedings of the SPIE, Bellingham, VA, Vol. 4310, XP008000078, pp. 387-882	1-24-2000
	A19		

Examiner Signature	<i>Allen C. Wong</i>	Date Considered	8/25/04
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